

PCT-1390 SIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>4105-55</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/537999</div>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2003/015624</b>	INTERNATIONAL FILING DATE <b>5 December 2003</b>	PRIORITY DATE CLAIMED <b>12 December 2002</b>

**TITLE OF INVENTION**  
**INFORMATION RECORDING/READING HEAD, AND INFORMATION RECORDING/REPRODUCING APPARATUS**

**APPLICANT(S) FOR DO/EO/US**

**MAEDA et al.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
  4. ☐ The U.S. has been elected (Article 31).
  5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☐ is attached hereto (        pages specification, claims & abstract (        claims),        sheets drawings).
    - b. ☐ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))
    - a. ☒ is attached hereto (90 pages specification, claims & abstract (21 claims), 15 sheets drawings).
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9.
    - a. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
    - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
  10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 To 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13.
    - a. ☐ A FIRST preliminary amendment.
    - b. ☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
  18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
  19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
  20. ☒ Other items or information. Form PCT/IB/308, International Publication No. WO 2004/053862 A1-coversheet

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10/537699		PCT/JP2003/015624		4105-55	

21. ☒ The following fees are submitted:

<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
<input checked="" type="checkbox"/> a) Basic national fee	\$300.00 (1631)/\$150.00 (2631)	\$	300.00		
<input checked="" type="checkbox"/> b) Examination Fee	\$200.00 (1633)/\$100.00 (2633)	\$	200.00		
<input checked="" type="checkbox"/> c) Search Fee	\$500.00 (1632)/\$250.00 (2632)	\$	500.00		
<b>TOTAL OF ABOVE CALCULATIONS</b>		\$	1000.00		

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
105 -100	5 /50 =	0.10	\$250.00 (1681) \$125.00 (2681)	\$	250.00

Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than ☒ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).

CLAIMS	NUMBER FILED	# EXTRA	RATE		
Total Claims	21 minus 20 =	1 X	\$50.00 (1615)/ \$25.00 (2615)	\$	50.00
Independent Claims	13 minus 3 =	10 X	\$200.00 (1614) \$100.00 (2614)	\$	2,000.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616)	\$	0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)

	\$	0.00	
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☐ Applicant claims small entity status. See 37 CFR 1.27.

Processing fee of \$130.00 (1618), for furnishing the English Translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).

<b>TOTAL NATIONAL FEE =</b>		\$	3430.00
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Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property

	\$	
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Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)

<b>TOTAL FEES ENCLOSED =</b>		\$	3430.00
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Amount to be:		
refunded	\$	
Charged	\$	

a. ☐ A check in the amount of \$3430.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☒ **CREDIT CARD PAYMENT FORM ATTACHED.**


e. ☒ The entire content of International Application No. PCT/JP2003/015624 and any U.S. and foreign application(s) corresponding thereto, and JP 2002-361180, referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**  
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**Arthur R. Crawford**  
NAME  
25,327 June 9, 2005  
REGISTRATION NUMBER Date